

Recovery Plan Action Status

Plan Name: Smith's Blue Butterfly Recovery Plan

Plan Status: Final

Plan Date: 09-Nov-84

Lead Agency: USFWS

Lead Office: Ventura Fish And Wildlife Office

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Smith's blue butterfly (Euphilotes enoptes smithi)	2	11	Actively enforce existing laws and regulations	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, Law Enforcement Division, California Department of Fish and Game	Other: Law Enforcement	Internal Field Assistance, Internal Technical Assistance	Included in FY85 LE program Advice objective 1-451
Smith's blue butterfly (Euphilotes enoptes smithi)	2	12	Evaluate success of law enforcement efforts	Not Started			U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Other: Administration, Research: Management Techniques	Internal Technical Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	13	Propose new regulations or revisions of existing codes as necessary	Not Started			Monterey County, California, U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Other: Regulations	Internal Technical Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	14	Monitor agency compliance with Section 7 consultations and implementation of recovery plan tasks	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Internal Field Assistance	

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	15	Monitor agency designation of Smiths' blue butterfly (SBB) habitat in land use plans	Ongoing Current	Prior to FY 1995		California Coastal Commission, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Internal Technical Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	16	Coordinate agency recovery efforts for the SBB	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Land Use, Management: Planning	Internal Technical Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	211	Identify colonies and area necessary for maintenance of SBB (Marina State Beach)	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements, Research: Population Surveys	Graduate Student, Internal Field Assistance, Species Expert	Surveys have been conducted. Area necessary for maintenance of a SBB colony is unknown.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	212	Control hang-glider use of dunes (Marina State Beach)	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation	Other: Law Enforcement	Contract	Hang gliding continues, but gliders launch and land in designated areas to minimize effects on dune habitat.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	213	Control off-road vehicle use of dunes (Marina State Beach)	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation	Other: Law Enforcement	Contract	California Department of Parks and Recreation does not allow public off-road vehicle use at Marina State Beach.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	214	Revegetate existing blowout areas with native plants (Marina State Beach)	Ongoing Current	FY 1995 - FY 1999		California Department of Parks and Recreation, California Conservation Corps	Management: Habitat Maintenance and Manipulation	Contract	California Department of Parks and Recreation is currently implementing invasive plant removal and native plant revegetation, partially funded by a grant from the Service.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	215	Control foot traffic on dunes by constructing boardwalk for beach access	Partially Complete	Prior to FY 1995		California Department of Parks and Recreation, California Conservation Corps	Management: Land Use	Contract	There is a boardwalk at Marina State Beach to minimize effects of foot traffic on dune habitats.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	216	Remove exotic plants and replace with native plants (Marina State Park)	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation	Management: Habitat Maintenance and Manipulation	Contract	California Department of Parks and Recreation is currently implementing invasive plant removal and native plant revegetation, partially funded by a grant from the Service.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	221	Identify colonies and area necessary for maintenance of colonies (Salinas River NWR)	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game	Research: Habitat Requirements, Research: Population Surveys	Internal Field Assistance	Surveys for adults and larvae were conducted during the 2004 and 2005 flight seasons. Area necessary for maintenance not determined.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	222	Control off-road vehicle use of dunes (Salinas river NWR)	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game	Other: Law Enforcement	Internal Field Assistance	A cable and signs alert the public to stay out of dune habitat areas. Law enforcement patrols the refuge intermittently.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	223	Provide for caretaker (Salinas River NWR)	Obsolete			U.S. Fish and Wildlife Service, Endangered Species Division, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game	Other: Law Enforcement	Contract, Internal Field Assistance	This should be coordinated with CDPH and TNC. A cable and signs alert the public to stay out of dune habitat areas. Law enforcement patrols the refuge intermittently, but a full time caretaker is not on site.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	224	Revegetate existing blowout areas with native plants (Salinas River NWR)	Obsolete			California Conservation Corps, U.S. Fish and Wildlife Service, Endangered Species Division, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game	Management: Habitat Maintenance and Manipulation	Contract	Refuge personnel have found that native plants recolonize well within the refuge when invasives are removed. No revegetation is planned.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	225	Remove exotic plants and replace with native plants	Ongoing Current	Prior to FY 1995		California Conservation Corps, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Volunteer	Salinas NWR and State Parks have removed large areas of invasive plants. Removal of invasive plants from SBB habitat is included in several HCPs being developed in coordination between applicants and the Ventura Fish and Wildlife Office.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	231	Identify colonies and area to be rehabilitated (Naval Postgraduate School)	Complete	Prior to FY 1995	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, Endangered Species Division, United States Navy	Research: Habitat Status, Research: Population Surveys	Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	232	Control foot traffic access through dunes (Naval Postgraduate School)	Ongoing Current	FY 2000 - FY 2004		United States Navy	Management: Land Use	Contract	The Integrated Natural Resources Management Plan for the site includes controls on public access to dune areas, including signs and boardwalk access to the beach.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	233	Remove exotic plants and replace with native plants (Naval Postgraduate School)	Ongoing Current	FY 1995 - FY 1999		United States Navy	Management: Habitat Maintenance and Manipulation	Contract	The Integrated Natural Resources Management Plan for the site includes measures to control invasive plants and protect sensitive native plants in dune habitat.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	241	Identify area to be rehabilitated (Fort Ord)	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, U.S. Army	Research: Habitat Status	Contract, Species Expert	Areas identified in draft HCP, not finalized.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	242	Control off-road vehicle use of dunes (Fort Ord)	Ongoing Current	Prior to FY 1995		U.S. Army	Other: Law Enforcement	Contract	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	243	Remove exotic plants and replace with native plant (Fort Ord)	Ongoing Current	Prior to FY 1995		U.S. Army	Management: Habitat Maintenance and Manipulation	Contract, Volunteer	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	244	Revegetate existing blowout area with native plants (Fort Ord)	Not Started			U.S. Army	Management: Habitat Maintenance and Manipulation	Contract, Volunteer	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	251	Identify colonies and area necessary for their maintenance (Santa Cruz Aggregates)	Obsolete			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Status, Research: Population Surveys	Contract, Species Expert	Taxonomy of the species is in need of review, however the Santa Cruz Aggregates site is currently treated as outside the range of the listed subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	252	Control off-road vehicle use of dunes (Santa Cruz Aggregates)	Obsolete			Santa Cruz County Sheriff, California Department of Fish and Game	Management, Other: Information and Education, Other: Law Enforcement, Other: Regulations	Internal Administrative, Internal Field Assistance, Internal Technical Assistance	Taxonomy of the species is in need of review, however the Santa Cruz Aggregates site is currently treated as outside the range of the listed subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	253	Secure the site as a Smith's blue butterfly reserve (Santa Cruz Aggregates)	Obsolete			U.S. Fish and Wildlife Service, Land Acquisition Program, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Acquisition	Internal Administrative, Internal Technical Assistance	Taxonomy of the species is in need of review, however the Santa Cruz Aggregates site is currently treated as outside the range of the listed subspecies.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	26	Develop and implement management and land protection plans for comparable alternative sites	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, California Coastal Commission, City of Monterey, California, City of Marina, California, Sand City, California, U.S. Fish and Wildlife Service, Land Acquisition Program, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, The Nature Conservancy	Management: Land Use	Internal Technical Assistance	Lead varies depending on site. Management plans are under development for sites not specifically identified in the recovery plan; including, Rancho San Carlos and Palo Corona Ranch.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	31	Implement management plan for Crystal Springs Reservoir site	Obsolete			San Francisco Water Department	Management: Planning	Internal Administrative, Internal Technical Assistance, Species Expert	Taxonomy of the species is in need of review, however the Crystal Springs Reservoir site is currently treated as outside the range of the listed subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	321	Identify colonies and area necessary for their maintenance (Big Creek Reserve)	Not Started			University of California, Natural Reserve System, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements, Research: Population Surveys	Graduate Student, Internal Field Assistance, Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	322	Test vegetation management practices to determine those that lead to greater host plant recovery of reinvasion (Big Creek Reserve)	Not Started			University of California, Natural Reserve System, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Management Techniques	Graduate Student, Internal Field Assistance, Species Expert	To be completed in FY 6
Smith's blue butterfly (Euphilotes enoptes smithi)	2	33	Develop and implement management plan for colonies at Cone Peak Road.	Not Started			California Department of Fish and Game, U.S. Forest Service	Management: Planning	Contract, Internal Technical Assistance, Species Expert	USFS includes Smith's blue butterfly in their Forest planning efforts, but no specific plan for the Cone Peak area has been developed.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	341	Determine ownership status (Burns Creek)	Complete	Prior to FY 1995	FY 1995 - FY 1999	California Department of Parks and Recreation, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Internal Technical Assistance, Species Expert	The site is owned and managed by the California Department of Transportation and the California Department of Parks and Recreation.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	342	Identify colonies and area necessary for their maintenance (Burns Creek)	Partially Complete	Prior to FY 1995		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, Endangered Species Division	Research: Habitat Requirements, Research: Population Surveys	Internal Field Assistance, Species Expert	Colonies identified, area necessary for maintenance not determined.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	343	Secure necessary conservation easements (Burns Creek)	Obsolete			U.S. Fish and Wildlife Service, Land Acquisition Program, California Department of Fish and Game	Acquisition: Easement	Internal Technical Assistance	The Service is currently in consultation with the FHWA and Caltrans regarding management of Smith's blue butterflies along Highway 1. It is likely that terms and conditions in a resulting biological opinion would render an easement unnecessary.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	351	Determine ownership status (Vasquez Knob)	Complete	Prior to FY 1995	Prior to FY 1995	U.S. Fish and Wildlife Service, Land Acquisition Program, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Land Use	Internal Administrative, Internal Technical Assistance	The Vasquez Knob location is within Garland Ranch Regional Park, administered by Monterey Peninsula Regional Parks District
Smith's blue butterfly (Euphilotes enoptes smithi)	2	352	Identify colonies and area necessary for their maintenance (Vasquez Knob)	Partially Complete	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements, Research: Population Surveys	Graduate Student, Internal Field Assistance, Species Expert	Garland Ranch Regional park has been surveyed for Smith's blue butterflies. The area necessary for colony maintenance has not been determined.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	353	Secure necessary conservation easements (Vasquez Knob)	Not Started			U.S. Fish and Wildlife Service, Land Acquisition Program, California Department of Fish and Game	Acquisition: Easement	Internal Technical Assistance	An easement may no longer be needed as ownership by Monterey Peninsula Regional Parks District would protect against most development, although Park activities such as road and trail maintenance may still affect the Smith's blue butterfly
Smith's blue butterfly (Euphilotes enoptes smithi)	2	36	Develop and implement management and land protection plans for comparable alternative sites	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, California Coastal Commission, City of Monterey, California, City of Marina, California, Sand City, California, U.S. Fish and Wildlife Service, Land Acquisition Program, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, The Nature Conservancy	Management: Planning	Contract, Internal Technical Assistance, Species Expert	Lead varies depending on site. Management plans are under development for sites including Rancho San Carlos and Palo Corona Ranch.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	411	Identify colonies and area necessary for their maintenance (Phillips Petroleum, Sand City, and Marina)	Ongoing Current	Prior to FY 1995		California Coastal Commission, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements, Research: Population Surveys	Contract, Internal Field Assistance, Species Expert	Colonies identified, area necessary for maintenance not determined.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	412	Control off-road vehicle use of dunes (Phillips Petroleum, Sand City and Marina)	Ongoing Current	Prior to FY 1995		Monterey County Sheriff, U.S. Fish and Wildlife Service, Law Enforcement Division, California Department of Fish and Game	Other: Law Enforcement	Internal Field Assistance	No current OHV use at Phillips Petroleum or Sand City, ongoing OHV use at Martin Dunes in Marina.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	413	Revegetate existing blowout areas with native plants (Phillips Petroleum, Sand City, and Marina)	Ongoing Current	Prior to FY 1995		California Coastal Commission, City of Monterey, California, City of Marina, California, Sand City, California	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Volunteer	California Department of Parks and Recreation is currently removing invasive plants and revegetating dune areas at Marina State Beach, partially funded by a grant from the Service.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	414	Control foot traffic on dunes by constructing boardwalks for beach access (Phillips Petroleum, Sand City and Marina)	Partially Complete	Prior to FY 1995		California Department of Parks and Recreation, Monterey County Sheriff, City of Marina, California, California Department of Fish and Game	Management: Land Use	Contract	Lead varies depending on site. There is a boardwalk at Marina State Beach to minimize effects of foot traffic on dune habitats.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	415	Remove exotic plants and replace with native plants (Phillips Petroleum, Sand City and Marina)	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, City of Monterey, California, City of Marina, California	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Volunteer	Lead varies depending on site. California Department of Parks and Recreation is currently removing invasive plants and revegetating dune areas at Marina State Beach, partially funded by a grant from the Service.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	421	Identify colonies and area necessary for their maintenance (Olympia Quarry)	Obsolete			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements, Research: Population Surveys	Contract	Taxonomy of the species is in need of review, however the Olympia Quarry site is currently treated as outside the range of the listed subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	422	Coordinate recovery needs with restoration efforts on inland dune parkland (Olympia Quarry)	Obsolete			Santa Cruz County, California, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Other	Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert	Taxonomy of the species is in need of review, however the Olympia Quarry site is currently treated as outside the range of the listed subspecies.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	423	Control off-road vehicle use of site (Olympia Quarry)	Obsolete			Santa Cruz County Sheriff, Lone Star Sand Mining Operations, California Department of Fish and Game	Other: Information and Education, Other: Law Enforcement, Other: Regulations	Internal Administrative, Internal Technical Assistance	Taxonomy of the species is in need of review, however the Olympia Quarry site is currently treated as outside the range of the listed subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	431	Identify colonies and area necessary for their maintenance	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements, Research: Population Surveys	Graduate Student, Internal Field Assistance, Species Expert	Lead varies depending on site. Extensive surveys have been performed, but many areas remain to be surveyed, especially in the southern portion of the Smith's blue butterfly's range. The area necessary to maintain a Smith's blue butterfly colony is unknown, and further research on the relationship between the species and its habitat would be valuable to recovery.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	432	Carry out prescribed burns if appropriate	Not Started			California Department of Fish and Game, U.S. Forest Service	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	433	Coordinate recovery needs with other agency activities	Ongoing Current	Prior to FY 1995		California Coastal Commission, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, U.S. Forest Service	Management: Land Use, Management: Planning	Internal Technical Assistance	

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	44	Develop and implement management and land protection plans for comparable alternative sites	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, California Coastal Commission, City of Monterey, California, City of Marina, California, Sand City, California, U.S. Fish and Wildlife Service, Land Acquisition Program, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, The Nature Conservancy	Management: Planning	Contract, Internal Technical Assistance, Species Expert	Lead varies depending on site. Management plans are under development for sites including Rancho San Carlos and Palo Corona Ranch.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	51	Determine effect of clump size, plant size, and host plant species on oviposition of SBB for use in vegetation management	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Species Expert	To be completed in FY 4
Smith's blue butterfly (Euphilotes enoptes smithi)	2	521	Determine whether SBB survival is dependent on ants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	522	Identify species of ants involved	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	2	523	Determine ecological requirements of ants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Species Expert	

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Smith's blue butterfly (Euphilotes enoptes smithi)	3	53	Determine effects of vegetation management on predators and parasites.	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Predation	Graduate Student, Internal Field Assistance, Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	61	Examine ecotypes of Eriogonum latifolium and determine taxonomic relationship to other host plants	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Habitat Requirements, Research: Taxonomic Studies	Graduate Student, Internal Field Assistance, Species Expert	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	62	Determine life history variation among colonies in different habitats	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Other Information	Graduate Student, Internal Field Assistance, Species Expert	To be completed FY 5
Smith's blue butterfly (Euphilotes enoptes smithi)	2	63	Determine if different ecotypes of SBB warrant taxonomic recognition	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Taxonomic Studies	Graduate Student, Species Expert	Taxonomy of the species is in need of review. Some authors believe that the Smith's blue butterfly should be divided into a northern and southern subspecies.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	71	Survey recent collection sites to document population size and distribution	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Population Surveys	Contract, Graduate Student, Species Expert	Some areas have been re-surveyed to help determine distribution. Few population size estimates have been made.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	72	Survey old collection sites to document current population size and habitat status	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Population Surveys	Contract, Graduate Student, Species Expert	Some areas have been re-surveyed to help determine distribution. Few population size estimates have been made.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	73	Survey other potential SBB habitats	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: Population Surveys	Contract, Graduate Student, Species Expert	Additional areas have been surveyed since the recovery plan was published. Other areas remain to be surveyed, especially in the southern portion of the Smith's blue butterfly's range.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	74	Examine proposed land uses in SBB habitats to identify potential threats	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Land Use, Management: Planning	Internal Technical Assistance	Review of projects is ongoing by the Service under ESA, NEPA, and CEQA.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	75	Establish priorities for securing different sites	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, California Coastal Commission, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, U.S. Forest Service	Management: Planning	Internal Technical Assistance, Species Expert	Some sites have been identified and secured since the recovery plan was published. A comprehensive prioritization has not been completed.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	81	Establish techniques for eradication of iceplant and Holland dune grass	Ongoing Current	Prior to FY 1995		California Native Plant Society, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Species Expert	Invasive species have been removed by land management agencies, including the Service and California State Parks. Additional areas remain to be treated and new techniques could be developed.
Smith's blue butterfly (Euphilotes enoptes smithi)	2	82	Evaluate available techniques for planting native dune species	Ongoing Current	Prior to FY 1995		California Native Plant Society, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy	Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Species Expert	Native dune species have been planted by land management agencies, including California State Parks. A comprehensive evaluation of planting techniques has not been performed.

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Smith's blue butterfly (Euphilotes enoptes smithi)	2	83	Incorporate restoration techniques into management plans at designated sites	Ongoing Current	Prior to FY 1995		California Department of Parks and Recreation, California Coastal Commission, University of California, Natural Reserve System, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game, U.S. Forest Service, U.S. Army, United States Navy	Management: Planning	Contract, Internal Technical Assistance, Species Expert	Lead varies depending on site
Smith's blue butterfly (Euphilotes enoptes smithi)	3	91	Provide audio-visual programs for public display	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Other: Information and Education	Contract, Graduate Student, Internal Technical Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	92	Conduct informational meetings	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, The Nature Conservancy	Other: Information and Education	Internal Field Assistance	
Smith's blue butterfly (Euphilotes enoptes smithi)	3	93	Conduct interpretive tours of appropriate areas	Not Started			California Department of Parks and Recreation, National Audubon Society, California Native Plant Society, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game, The Nature Conservancy	Other: Information and Education	Internal Field Assistance, Volunteer	This will generally be a volunteer effort

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Smith's blue butterfly (Euphilotes enoptes smithi)	3	94	Erect interpretive signs on Smith's blue butterfly reserve lands	Ongoing Current	FY 1995 - FY 1999		California Department of Parks and Recreation, U.S. Fish and Wildlife Service National Wildlife Refuge System, California Department of Fish and Game, U.S. Army, United States Navy	Other: Information and Education	Contract, Internal Field Assistance	Lead varies depending on site
Smith's blue butterfly (Euphilotes enoptes smithi)	2	95	Provide revegetation information for interested persons and agencies.	Ongoing Current	Prior to FY 1995		National Audubon Society, California Native Plant Society, U.S. Fish and Wildlife Service, Endangered Species Division	Management: Habitat Maintenance and Manipulation	Internal Technical Assistance	To begin in FY 5.